

**PENGARUH MODEL PEMBELAJARAN KOOPERATIF TIPE JIGSAW
TERHADAP KEMAMPUAN KOGNITIF DAN KREATIVITAS ILMIAH
SISWA PADA MATERI KEANEKARAGAMAN HAYATI
DI KELAS X SMAN 2 LUBUK PAKAM
T.P 2018/2019**

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ABSTRAK

Penelitian ini bertujuan untuk mengetahui adanya pengaruh penggunaan model pembelajaran kooperatif tipe jigsaw terhadap kemampuan kognitif dan kreativitas ilmiah siswa pada materi keanekaragaman hayati di kelas X SMA Negeri 2 Lubuk Pakam tahun ajaran 2018/2019. Populasi dalam penelitian ini sebanyak 324 orang. Sampel penelitian diperoleh dengan teknik *purposive sampling*. Sampel penelitian yaitu kelas X Mia 2 dan X Mia 5. Hasil penelitian menunjukkan kemampuan kognitif kelas eksperimen sebesar 81,072 (SD= 7,44) dan kelas kontrol sebesar 70,05 (SD= 9,30) sedangkan nilai kreativitas ilmiah kelas eksperimen sebesar 7,095 (SD= 1,56) dan kelas kontrol sebesar 5,059 (SD= 1,279). Jadi, dapat disimpulkan bahwa ada pengaruh penggunaan model pembelajaran kooperatif tipe jigsaw terhadap kemampuan kognitif dan kreativitas ilmiah siswa pada materi keanekaragaman hayati di kelas X SMA Negeri 2 Lubuk Pakam tahun ajaran 2018/2019. Hasil ini menunjukkan pentingnya penggunaan model pembelajaran kooperatif tipe jigsaw untuk mencapai kemampuan kognitif dan kreativitas ilmiah yang lebih tinggi pada materi keanekaragaman hayati.

Kata Kunci: Jigsaw, Kemampuan Kognitif, Kreativitas Ilmiah, Keanekaragaman hayati.

The Effect of Cooperative Learning Model Using Jigsaw Type in Cognitive Abilities and Scientific Creativity of Students on Biodiversity Material in Class X of SMAN 2 LubukPakam in the 2018/2019 Academic Year

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ABSTRACT

This study aims to determine the effect of the use of jigsaw cooperative learning models on cognitive abilities and scientific creativity of students on biodiversity material in class X of SMA Negeri 2 LubukPakam in the 2018/2019 academic year. The population in this research were 324 people. The research sample was obtained by purposive sampling technique. The research sample was class X Mia 2 and X Mia 5. The results showed that the cognitive abilities of the experimental class were 81,072 (SD = 7,44) and the control class was 70,05 (SD = 9,30) while the value of experimental class creativity was 7,095 (SD = 1.56) and the control class is 5.059 (SD = 1.279). So, it can be concluded that there is an influence of the use of jigsaw cooperative learning model on cognitive abilities and scientific creativity of students on biodiversity material in class X of SMA Negeri 2 LubukPakam in 2018/2019 academic year. These results indicated the importance of using jigsaw cooperative learning models to achieve higher cognitive abilities and scientific creativity on biodiversity material.

Keyword: jigsaw, cognitive abilities, scientific creativity, biodiversity